

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

- CI Sub DI 1. (currently amended): A quality control system for medical diagnostic apparatuses, wherein said medical diagnostic apparatuses comprise at least one medical image input device, said quality control system comprising:
- a plurality of medical image input devices ~~having~~ holding respective histories of evaluation results on specified items regarding image quality of individual medical image input devices;
 - a control device which stores all of the histories of said evaluation results regarding the image quality which respective medical image input devices hold to control the histories thereof centrally; and
 - a network onto which said plurality of medical image input devices and said control device are connected.
2. (previously presented): The quality control system according to claim 1, wherein said medical diagnostic apparatuses comprise at least one medical image output device that is connected onto said network.
3. (currently amended): A quality control system for medical diagnostic apparatuses, wherein said medical diagnostic apparatuses, wherein said medical diagnostic

apparatuses comprise at least one medical image input device, said quality control system comprising:

a plurality of medical image input devices;

C1 a control device which stores all of histories of evaluation results on specified items regarding image quality of individual medical image input devices to control the histories thereof centrally; and

D1 a network onto which said plurality of medical image input devices and said control device are connected.

4. (previously presented): The quality control system according to claim 3, wherein said medical diagnostic apparatuses comprise at least one medical image output device that is connected onto said network.

5. (previously presented): The quality control system according to claim 2, wherein said at least one medical image output device has a history of evaluation results related to its quality and said control device stores the history of evaluation results related to quality of said at least one medical output device, to control the history thereof centrally.

6. (previously presented): The quality control system according to claim 2, wherein said at least one medical image output device includes a soft copy display device.

7. (previously presented): The quality control system according to claim 4, wherein said control device also stores a history of evaluation results related to quality of said at least one medical output device, to control the history thereof centrally.

8. (previously presented): The quality control system according to claim 4, wherein said at least one medical image output device includes a soft copy display device.

9. (previously presented): The quality control system according to claim 1, further comprising a portable testing unit for performing an image quality check.

10. (previously presented): The quality control system according to claim 3, further comprising a portable testing unit for performing an image quality check.

11. (previously presented): The quality control system according to claim 1, wherein at least one of said plurality of medical diagnostic apparatuses is said control device.

12. (previously presented): The quality control system according to claim 3, wherein said at least one of said plurality of medical diagnostic apparatuses immediately outputs said history of evaluation results on specified items regarding quality of at least one of said plurality of medical diagnostic apparatuses, after determining said history.

13. (previously presented): The quality control system according to claim 2, wherein said at least one medical image input device stores therein said history of evaluation results related to its quality.

14. (currently amended): A quality control system, for one or more medical diagnostic apparatuses, comprising:

~~said~~ one or more medical diagnostic apparatuses, wherein at least one of said one or more medical diagnostic apparatuses automatically outputs information relating to image quality of at least one of said one or more medical diagnostic apparatuses;

a device for ~~strong~~storing information relating to the image quality of said one or more medical diagnostic apparatuses; and

el a network onto which said one or more medical diagnostic apparatuses and said device are connected.

15. (previously presented): A quality control system for medical diagnostic apparatuses, comprising:

Dl a plurality of medical diagnostic apparatuses, wherein said plurality of medical apparatuses comprises at least one medical image input device and at least one medical image output device, said at least one medical image input device having a history of evaluation results related to its image quality;

a control device which stores histories of evaluation results related to image quality of individual medical diagnostic apparatuses, to control the histories thereof centrally; and

a network onto which said plurality of medical diagnostic apparatuses and said control device are connected.

16. (previously presented): The quality control system according to claim 15, wherein at least one of said plurality of medical diagnostic apparatuses is said control device.

17. (previously presented): The quality control system according to claim 11, further comprising a portable testing unit for performing an image quality check.

18. (previously presented): A quality control system for medical diagnostic apparatuses, comprising:

C1 a plurality of medical diagnostic apparatuses, wherein at least one of said plurality of medical diagnostic apparatuses automatically outputs a history of evaluation results on specified items regarding image quality of at least one of said plurality of medical diagnostic apparatuses, to a control device;

said control device stores all histories of evaluation results on specified items regarding image quality of individual medical diagnostic apparatuses, to control the histories thereof centrally; and

D1 a network onto which said plurality of medical diagnostic apparatuses and said control device are connected.

19. (previously presented): The quality control system according to claim 1, wherein said image quality includes at least one of sensitivity, granularity, root mean square (RMS), detective quantum efficiency (DQE), brightness characteristic of a soft copy display device and resolution characteristic of the soft copy display device.

20. (previously presented): The quality control system according to claim 3, wherein said image quality includes at least one of sensitivity, granularity, root mean square (RMS), detective quantum efficiency (DQE), brightness characteristic of a soft copy display device and resolution characteristic of the soft copy display device.

21. (previously presented): The quality control system according to claim 14, wherein said image quality includes at least one of sensitivity, granularity, root mean square

(RMS), detective quantum efficiency (DQE), brightness characteristic of a soft copy display device and resolution characteristic of the soft copy display device.

C1 22. (previously presented): The quality control system according to claim 15, wherein said image quality includes at least one of sensitivity, granularity, root mean square (RMS), detective quantum efficiency (DQE), brightness characteristics of a soft copy display device and resolution characteristic of the soft copy display device.

D1 23. (previously presented): The quality control system according to claim 18, wherein said image quality includes at least one of sensitivity, granularity, root mean square (RMS), detective quantum efficiency (DQE), brightness characteristic of a soft copy display device and resolution characteristic of the soft copy display device.

24. (previously presented): The quality control system according to claim 1, wherein said quality control system is applied to a computerized radiography (CR) imaging system.

25. (previously presented): The quality control system according to claim 3, wherein said quality control system is applied to a computerized radiography (CR) imaging system.

C2 26. (new): The quality control system according to claim 1, wherein at least one of said plurality of medical image input devices originates an image from a source being imaged using energy conversion to an electrical signal.

D1 27. (new): The quality control system according to claim 3, wherein at least one of said plurality of medical image input devices originates an image from a source being imaged using energy conversion to an electrical signal.

28. (new): The quality control system according to claim 15, wherein said at least one medical image input device originates an image from a source being imaged using energy conversion to an electrical signal.

02 29. (new): The quality control system according to claim 14, wherein said at least one of said one or more medical diagnostic apparatuses comprises a local memory, said local memory outputting said information relating to image quality of at least one of said one or more medical diagnostic apparatuses during said automatic outputting operation.

D1 30. (new): The quality control system according to claim 18, wherein at least one of said plurality of medical diagnostic apparatuses comprises a local memory, said local memory outputting said information relating to image quality of at least one of said plurality of medical diagnostic apparatuses during said automatic outputting operation.

31. (new): The quality control system according to claim 1, wherein at least one of said plurality of medical image input devices is selected from one of a computerized radiography (CR) device, a computerized tomography (CT) device, and a magnetic resonance imaging (MRI) device.

32. (new): The quality control system according to claim 3, wherein at least one of said plurality of medical image input devices is selected from one of a computerized radiography (CR) device, a computerized tomography (CT) device, and a magnetic resonance imaging (MRI) device.

AMENDMENT UNDER 37 C.F.R. § 1.111
U.S. APPLICATION NO.: 09/536,315

ATTORNEY DOCKET NO. Q55898

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33. (new): The quality control system according to claim 15, wherein said at least one medical image input device is selected from one of a computerized radiography (CR) device, a computerized tomography (CT) device, and a magnetic resonance imaging (MRI) device.
